IFWO

RAW SEQUENCE LISTING   DATE: 09/21/2004
PATENT APPLICATION: US/10/674,076A   TIME: 16:09:45

Input Set : A:\N0260.70044US01seq.txt
Output Set: N:\CRF4\09212004\J674076A.raw

 3 <110> APPLICANT: Shashoua, Victor E
 5 <120> TITLE OF INVENTION: NEUROPROTECTIVE PEPTIDES AND USES THEREOF
 7 <130> FILE REFERENCE: N0260.70044US01
 9 <140> CURRENT APPLICATION NUMBER: US 10/674,076A
10 <141> CURRENT FILING DATE: 2003-09-29
12 <150> PRIOR APPLICATION NUMBER: US 09/021,247
13 <151> PRIOR FILING DATE: 1998-02-10
15 <150> PRIOR APPLICATION NUMBER: US 09/810,863
16 <151> PRIOR FILING DATE: 2001-03-16
18 <160> NUMBER OF SEQ ID NOS: 19
20 <170> SOFTWARE: PatentIn version 3.2
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 12
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial sequence
27 <220> FEATURE:
29 <223> OTHER INFORMATION: Synthetic Peptide
31 <220> FEATURE:
32 <221> NAME/KEY: MISC_FEATURE
33 <222> LOCATION: (1)..(1)
34 <223> OTHER INFORMATION: X = Asp, Gln, Gly or Tyr
36 <220> FEATURE:
37 <221> NAME/KEY: MISC_FEATURE
38 <222> LOCATION: (2)..(2)
39 <223> OTHER INFORMATION: X = any amino acid
41 <220> FEATURE:
42 <221> NAME/KEY: MISC_FEATURE
43 <222> LOCATION: (3)..(3)
44 <223> OTHER INFORMATION: X = Asp, Asn, Thr or Glu
46 <220> FEATURE:
47 <221> NAME/KEY: MISC_FEATURE
48 <222> LOCATION: (4)..(4)
49 <223> OTHER INFORMATION: X = any amino acid
51 <220> FEATURE:
52 <221> NAME/KEY: MISC_FEATURE
53 <222> LOCATION: (5)..(5)
54 <223> OTHER INFORMATION: X = Asp, Ser, Gly, Asn or Leu
56 <220> FEATURE:
57 <221> NAME/KEY: MISC_FEATURE
58 <222> LOCATION: (6)..(6)
59 <223> OTHER INFORMATION: X = any amino acid
61 <220> FEATURE:
62 <221> NAME/KEY: MISC_FEATURE

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P. 6

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 63 <222> LOCATION: (7)..(7)
 64 <223> OTHER INFORMATION: X = Ala, Asp, Phe, Lys, Thr, Tyr, Arg, Val, Cys or Ser
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 67 <221> NAME/KEY: MISC_FEATURE
 68 <222> LOCATION: (8)..(8)
 69 <223> OTHER INFORMATION: X = any amino acid
 71 <220> FEATURE:
 72 <221> NAME/KEY: MISC_FEATURE
 73 <222> LOCATION: (9)..(9)
 74 <223> OTHER INFORMATION: X = Asp, Glu, Gly, Ser, Thr, Met or Asn
 76 <220> FEATURE:
 77 <221> NAME/KEY: MISC_FEATURE
 78 <222> LOCATION: (10)..(10)
 79 <223> OTHER INFORMATION: X = any amino acid
 81 <220> FEATURE:
 82 <221> NAME/KEY: MISC_FEATURE
 83 <222> LOCATION: (11)..(11)
 84 <223> OTHER INFORMATION: X = Glu, Gln, Ala, Leu or Asn
 86 <220> FEATURE:
 87 <221> NAME/KEY: misc_feature
 88 <222> LOCATION: (12)..(12)
 89 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
 91 <400> SEQUENCE: 1
W--> 93 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 94 1                   5                   10
 97 <210> SEQ ID NO: 2
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 99 <212> TYPE: PRT
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102 <220> FEATURE:
104 <223> OTHER INFORMATION: Synthetic Peptide
106 <220> FEATURE:
107 <221> NAME/KEY: MISC_FEATURE
108 <222> LOCATION: (2)..(2)
109 <223> OTHER INFORMATION: X = any amino acid
111 <220> FEATURE:
112 <221> NAME/KEY: MISC_FEATURE
113 <222> LOCATION: (4)..(4)
114 <223> OTHER INFORMATION: X = any amino acid
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117 <221> NAME/KEY: MISC_FEATURE
118 <222> LOCATION: (7)..(7)
119 <223> OTHER INFORMATION: X = any amino acid
121 <220> FEATURE:
122 <221> NAME/KEY: MISC_FEATURE
123 <222> LOCATION: (10)..(10)
124 <223> OTHER INFORMATION: X = any amino acid
126 <220> FEATURE:
127 <221> NAME/KEY: MISC_FEATURE
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Input Set : A:\N0260.70044US01seq.txt
Output Set: N:\CRF4\09212004\J674076A.raw

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128 <222> LOCATION: (11)..(11)
129 <223> OTHER INFORMATION: X = any amino acid
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140 <213> ORGANISM: Artificial sequence
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144 <223> OTHER INFORMATION: Synthetic Peptide
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149 1                5                10
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153 <211> LENGTH: 14
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial sequence
157 <220> FEATURE:
159 <223> OTHER INFORMATION: Synthetic Peptide
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164 1                5                10
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168 <211> LENGTH: 16
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial sequence
172 <220> FEATURE:
174 <223> OTHER INFORMATION: Synthetic Peptide
176 <400> SEQUENCE: 5
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179 1                5                10                15
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183 <211> LENGTH: 21
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial sequence
187 <220> FEATURE:
189 <223> OTHER INFORMATION: Synthetic Oligonucleotide
191 <400> SEQUENCE: 6
192 agttgagggg actttccagg c                                     21
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196 <211> LENGTH: 20
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial sequence
200 <220> FEATURE:
202 <223> OTHER INFORMATION: Synthetic Oligonucleotide
204 <400> SEQUENCE: 7
205 tgcagattgc gcaatctgca                                       20
208 <210> SEQ ID NO: 8
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211 <213> ORGANISM: Artificial sequence
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215 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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223 <212> TYPE: PRT
224 <213> ORGANISM: Artificial sequence
226 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthetic Peptide
230 <400> SEQUENCE: 9
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233 1               5                   10                  15
235 Lys Lys Lys Lys
236               20
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241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial sequence
244 <220> FEATURE:
246 <223> OTHER INFORMATION: Synthetic Peptide
249 <400> SEQUENCE: 10
251 Asp Phe Ala Ile Asp Ala Pro Glu
252 1               5
255 <210> SEQ ID NO: 11
256 <211> LENGTH: 9
257 <212> TYPE: PRT
258 <213> ORGANISM: Artificial sequence
260 <220> FEATURE:
262 <223> OTHER INFORMATION: Synthetic Peptide
264 <220> FEATURE:
265 <221> NAME/KEY: MISC_FEATURE
266 <222> LOCATION: (1)..(1)
267 <223> OTHER INFORMATION: X = any amino acid
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272 1               5
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277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial sequence
280 <220> FEATURE:
282 <223> OTHER INFORMATION: Synthetic Peptide
284 <400> SEQUENCE: 12
286 Gly Asp Phe Ala Ile Asp Ala Pro Glu
287 1               5
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Input Set : A:\N0260.70044US01seq.txt
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    299 <220> FEATURE:
    300 <221> NAME/KEY: MISC_FEATURE
    301 <222> LOCATION: (1)..(1)
    302 <223> OTHER INFORMATION: X = Asp, Asn, Thr or Glu
    304 <220> FEATURE:
    305 <221> NAME/KEY: MISC_FEATURE
    306 <222> LOCATION: (2)..(2)
    307 <223> OTHER INFORMATION: X = any amino acid
    311 <400> SEQUENCE: 13
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    314 1               5                  10
    317 <210> SEQ ID NO: 14
    318 <211> LENGTH: 10
    319 <212> TYPE: PRT
    320 <213> ORGANISM: Artificial sequence
    322 <220> FEATURE:
    324 <223> OTHER INFORMATION: Synthetic Peptide
    326 <220> FEATURE:
    327 <221> NAME/KEY: MISC_FEATURE
    328 <222> LOCATION: (2)..(2)
    329 <223> OTHER INFORMATION: X = any amino acid
    331 <400> SEQUENCE: 14
W--> 333 Asp Xaa Asp Phe Ala Ile Asp Ala Pro Glu
    334 1               5                  10
    337 <210> SEQ ID NO: 15
    338 <211> LENGTH: 11
    339 <212> TYPE: PRT
    340 <213> ORGANISM: Artificial sequence
    342 <220> FEATURE:
    344 <223> OTHER INFORMATION: Synthetic Peptide
    346 <220> FEATURE:
    347 <221> NAME/KEY: MISC_FEATURE
    348 <222> LOCATION: (1)..(1)
    349 <223> OTHER INFORMATION: X = any amino acid
    351 <220> FEATURE:
    352 <221> NAME/KEY: MISC_FEATURE
    353 <222> LOCATION: (2)..(2)
    354 <223> OTHER INFORMATION: X = Asp, Asn, Thr or Glu
    356 <220> FEATURE:
    357 <221> NAME/KEY: MISC_FEATURE
    358 <222> LOCATION: (3)..(3)
    359 <223> OTHER INFORMATION: X = any amino acid
    361 <400> SEQUENCE: 15
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/21/2004
PATENT APPLICATION: US/10/674,076A   TIME: 16:09:46

Input Set : A:\N0260.70044US01seq.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12
Seq#:2; Xaa Pos. 2,4,7,10,11
Seq#:11; Xaa Pos. 1
Seq#:13; Xaa Pos. 1,2
Seq#:14; Xaa Pos. 2
Seq#:15; Xaa Pos. 1,2,3
Seq#:16; Xaa Pos. 2,3
Seq#:17; Xaa Pos. 1,2,3,4
Seq#:18; Xaa Pos. 2,3,4
Seq#:19; Xaa Pos. 1,2,3,4,5,6,7,8

VERIFICATION SUMMARY   DATE: 09/21/2004
PATENT APPLICATION: US/10/674,076A   TIME: 16:09:46

     Input Set : **A:\N0260.70044US01seq.txt**
     Output Set: **N:\CRF4\09212004\J674076A.raw**

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L:93 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:133 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:271 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:313 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:333 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:363 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:387 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:422 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:452 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:507 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
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